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103281 U.S. PTO

FORM PTO 1082

U.S. Patent and Trademark Office  
2011 South Clark Place  
Customer Window, Mail Stop **PATENT APPLICATION**  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

VIA HAND DELIVERY

**PATENT**

Case Docket No. 36856.1146

Date: November 13, 2003

Sir:

Transmitted herewith for filing is the patent application of: —

Inventor(s): **Hiroshi KAWAI**For: **RF-MEMS SWITCH**
☐ Applicant(s) claim(s) benefit under 35 U.S.C. § 119(e) of United States provisional application No. \_\_\_\_\_ filed \_\_\_\_\_
**Enclosed are:**☒ 30 Pages of Specification☒ 144 Sheet(s) of drawings (☒ formal ☐ informal)☒ Declaration and Power of Attorney ☐ Will follow.☒ Form PTO-1595 and an Assignment of the invention Murata Manufacturing Co., Ltd. of 26-10 Tenjin 2-chome, Nagaokakyo-shi, Kyoto-fu 617-8555, JAPAN ☐ Will follow☐ A certified copy of Japanese Patent Appln. Nos. 2002-361113 filed on December 12, 2002 and 2003-347181 filed on October 6, 2003, from which priority is claimed in the subject case pursuant to Rule 55b and 35 U.S.C. 119. ☒ Will follow☐ Request for Non-publication of Application Under 35 USC 122(b)(2)(B)(i)☒ Information Disclosure Statement, Form PTO 1449, and 5 cited reference(s).☐ Change of Correspondence Address☐ Information Sheet☒ General authorization/request to Petition for Extensions of Time☒ Return Postcard

FOR:	NO. FILED	NO. EXTRA	SMALL ENTITY RATE	SMALL ENTITY FEE		OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY FEE
BASIC FEE				\$385.00	OR		\$770.00
TOTAL CLAIMS	19	-0-	X 9	\$	OR	X 18	\$0
INDEP CLAIMS	3	-0-	X 43	\$	OR	X 86	\$0
<input type="checkbox"/> MULTIPLE			X 145	\$	OR	+ 290	\$
DEP CLAIMS PRESENTED			TOTAL =			TOTAL:	\$770.00

☐ Please charge my Deposit Account No. 50-1353 the amount of \$\_\_\_\_\_. A duplicate copy of this sheet is enclosed.☐ Check in the amount of \$\_\_\_\_\_ to cover the filing fee is enclosed.☒ Please charge my Credit Card the amount of \$770.00. Please see the enclosed Credit Card Payment Form (PTO-2038)☒ Credit Card Payment Form for \$40.00 covering the Assignment Recordation Fee is enclosed.☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1353. A duplicate copy of this sheet is enclosed.☒ Any additional filing fees required under 37 CFR 1.16.☒ Any patent application processing fees under 37 CFR 1.17.☐ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 50-1353. A duplicate copy of this sheet is enclosed.☐ Any patent application processing fees under 37 CFR 1.17.☐ The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).☐ Any filing fees under CFR 1.16 for presentation or extra claims.

Respectfully submitted,

Joseph R. Keating

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In r application of: **Hiroshi KAWAI**  
For: **RF-MEMS SWITCH**

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**CERTIFICATE OF HAND DELIVERY**

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Arlington, VA 22202

Sir:

Date of Deposit: November 13, 2003

I hereby certify that an application for patent, including:

One-page cover sheet; 30 pages of Specification (which includes 19 claims and a one-page Abstract); 14 Sheets of Formal Drawings; an executed Combined Declaration and Power of Attorney; a General Authorization/Request to Petition for Extensions of Time; a Credit Card Payment Form (PTO-2038) authorizing a charge to my credit card in the amount of \$770.00 to cover the filing fee; an executed Assignment document and Form PTO 1595, along with a Credit Card Payment Form (PTO-2038) authorizing a charge to my credit card in the amount of \$40.00 to cover the assignment recordation fee; a Transmittal Letter (Form PTO 1082); an Information Disclosure Statement with five (5) references; and Return Postcard are being deposited with the U.S. Patent Office at the Customer Service Window of the U.S. Patent Office on the date indicated above and is addressed to the Commissioner for Patents, Mail Stop Patent Application, Arlington, VA 22202.

Date of Deposit: November 13, 2003

  
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Joseph R. Keating